

This listing of claims will replace all prior versions, and listings, of claims in the application:

In the Claims:

1. (ORIGINAL) A machine for spinning granular sugar into filaments comprising:
 - a rotatable shaft;
 - a spinner head mounted on said shaft for rotation therewith and for melting granular sugar introduced thereinto, said spinner head when rotating being operable to direct molten sugar filaments radially outwardly therefrom;
 - said spinner head further comprising a heater element;
 - a motor for rotating said shaft when said motor is energized;
 - a first switch having a first state for respectively energizing said heater element and said motor and a second state for respectively de-energizing said heater element and said motor; and
 - a delay circuit coupled with said first switch and said motor and configured to detect when said first switch changes from said first state to said second state and, in response, prevents de-energizing said motor for a predetermined time period.

2. (ORIGINAL) The machine according to claim 1, further comprising:

 a second switch having a third state for energizing said heater element
and said motor and a fourth state for concurrently de-energizing said heater element
and said motor, wherein said second switch operates independently of said first switch
and said delay circuit.

3. (ORIGINAL) The machine according to claim 1 further comprising:

 a temperature controller coupled with said heater element and configured
to adjust electrical power delivered to said heater element.

4. (ORIGINAL) The machine according to claim 1, further comprising:

 a temperature controller coupled with said heater element and configured
to vary a temperature of said heater element.

5. (ORIGINAL) The machine according to claim 1, wherein the predetermined time
period is substantially 30 seconds.

6. (ORIGINAL) The machine according to claim 1, wherein the predetermined time
period is between substantially 15 seconds and substantially one minute.

7. (ORIGINAL) The machine according to claim 1, wherein the predetermined time period is of sufficient duration to prevent any molten or non-molten sugar within said spinner head from burning.

8. (ORIGINAL) The machine according to claim 1, wherein said heater element further comprises more than one heater coil.

9. (ORIGINAL) The machine according to claim 1, wherein said heater element further comprises:

a ribbon of resistance wire.

10. (ORIGINAL) The machine according to claim 1, wherein said heater element further comprises:

a tubular heat element.

11-17. CANCELED.

18. (ORIGINAL) A machine for spinning granular sugar into filaments comprising:
- a spinner head for melting granular sugar introduced therinto, said spinner head when rotating being operable to direct molten sugar filaments radially outwardly therefrom;
- said spinner head including heater means for producing heat;
- rotating means for rotating said spinner head;
- changing means for changing said heater means and said rotating means from a respective energized state to a respective de-energized state; and
- delay means for preventing said changing means from de-energizing said rotating means for a predetermined time period after de-energizing said heater means.
19. (ORIGINAL) The machine according to claim 18, wherein the predetermined time period is substantially 30 seconds.
20. (ORIGINAL) The machine according to claim 18, wherein the predetermined time period is between substantially 15 seconds and substantially one minute.
21. (ORIGINAL) The machine according to claim 18, wherein the predetermined time period is of sufficient duration to prevent any molten or non-molten sugar within said spinner head from burning.

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22. (ORIGINAL) The machine according to claim 18, wherein the delay means is configured to continue providing electrical power to said rotating means for said predetermined time period.

23. CANCELED.

24. CANCELED.

25. (CURRENTLY AMENDED) A device for making cotton candy, wherein sugar is melted and spun into filaments, said device comprising:

 a rotatable spinner head;

 an energizable heater operably disposed in said spinner head to melt sugar therein while said spinner head is rotating; and

 an apparatus, including a delay circuit, for de-energizing said heater while said spinner head is rotating, wherein said heater is cooled while said spinner head is rotating.

26. (ORIGINAL) The device according to claim 25, said heater is cooled substantially below a temperature sufficient to melt sugar while said spinner head is rotating.

27. (ORIGINAL) The device according to claim 25, said heater is cooled substantially below a temperature sufficient to burn sugar while said spinner head is rotating.